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## RAW SEQUENCE LISTING

DATE: 02/12/2002

PATENT APPLICATION: US/09/915,914B

TIME: 13:38:40

Input Set : A:\AM105.P.1.1-US.txt

Output Set: N:\CRF3\02122002\I915914B.raw

PS

ENTERED

3 <110> APPLICANT: Divita, Gilles  
 4 Fernandez, Joseph  
 5 Heitz, Frederic  
 6 Morris, May  
 7 Mery, Jean  
 8 Archdeacon, John  
 9 Horndorp, Kyle  
 11 <120> TITLE OF INVENTION: PEPTIDE-MEDIATED DELIVERY OF MOLECULES INTO CELLS  
 13 <130> FILE REFERENCE: AM-00105.P.1.1  
 15 <140> CURRENT APPLICATION NUMBER: us 09/915,914B  
 16 <141> CURRENT FILING DATE: 2001-07-26  
 18 <150> PRIOR APPLICATION NUMBER: US 60/221,932  
 19 <151> PRIOR FILING DATE: 2000-07-31  
 21 <160> NUMBER OF SEQ ID NOS: 43  
 23 <170> SOFTWARE: PatentIn version 3.1  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 21  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Synthetic sequence  
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 36 1 5 10 15  
 39 Thr Trp Trp Thr Glu  
 40 20  
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 48 <220> FEATURE:  
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 57 Thr Glu  
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 67 <223> OTHER INFORMATION: Synthetic sequence  
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84 <220> FEATURE:
85 <223> OTHER INFORMATION: Synthetic sequence
87 <400> SEQUENCE: 4
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90 1                5                10                15
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97 <210> SEQ ID NO: 5
98 <211> LENGTH: 19
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Synthetic sequence
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108 1                5                10                15
111 Trp Thr Glu
115 <210> SEQ ID NO: 6
116 <211> LENGTH: 19
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Synthetic sequence
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126 1                5                10                15
129 Glu Thr Val
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135 <212> TYPE: PRT
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138 <220> FEATURE:
139 <223> OTHER INFORMATION: Synthetic sequence
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144 1                5                10                15
147 Lys Lys Arg Lys Val
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156 <220> FEATURE:

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157 <223> OTHER INFORMATION: Synthetic sequence
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161 Lys Glu Thr Trp Trp Glu Thr Trp Trp Thr Glu Trp Ser Gln Pro Lys
162 1          5          10          15
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166          20
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174 <220> FEATURE:
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179 Lys Glu Thr Trp Trp Glu Thr Trp Trp Thr Glu Ala Ser Gln Pro Lys
180 1          5          10          15
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184          20
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189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic sequence
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198 1          5          10          15
201 Lys Lys Arg Lys Val
202          20
205 <210> SEQ ID NO: 11
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210 <220> FEATURE:
211 <223> OTHER INFORMATION: Synthetic sequence
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216 1          5          10          15
219 Arg Lys Val
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228 <220> FEATURE:
229 <223> OTHER INFORMATION: Synthetic sequence
231 <400> SEQUENCE: 12
233 Lys Trp Trp Glu Thr Trp Trp Glu Thr Trp Ser Gln Pro Lys Lys Lys
234 1          5          10          15
237 Arg Lys Val
241 <210> SEQ ID NO: 13

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Input Set : A:\AM105.P.1.1-US.txt

Output Set: N:\CRF3\02122002\I915914B.raw

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252 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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256 <221> NAME/KEY: MISC\_FEATURE  
257 <222> LOCATION: (2)..(2)  
258 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
261 <220> FEATURE:  
262 <221> NAME/KEY: MISC\_FEATURE  
263 <222> LOCATION: (3)..(3)  
264 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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270 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
273 <220> FEATURE:  
274 <221> NAME/KEY: MISC\_FEATURE  
275 <222> LOCATION: (9)..(9)  
276 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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281 <222> LOCATION: (10)..(10)  
282 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
285 <220> FEATURE:  
286 <221> NAME/KEY: MISC\_FEATURE  
287 <222> LOCATION: (11)..(11)  
288 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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293 <222> LOCATION: (12)..(12)  
294 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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298 <221> NAME/KEY: MISC\_FEATURE  
299 <222> LOCATION: (13)..(13)  
300 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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306 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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DATE: 02/12/2002

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TIME: 13:38:40

Input Set : A:\AM105.P.1.1-US.txt

Output Set: N:\CRF3\02122002\I915914B.raw

315 <220> FEATURE:  
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 323 <222> LOCATION: (23)..(23)  
 324 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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 330 1 5 10 15  
 333 Glu Thr Trp Trp Xaa Xaa Xaa  
 334 20  
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 338 <211> LENGTH: 22  
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 340 <213> ORGANISM: Artificial Sequence  
 342 <220> FEATURE:  
 343 <223> OTHER INFORMATION: Synthetic sequence  
 345 <220> FEATURE:  
 346 <221> NAME/KEY: MISC\_FEATURE  
 347 <222> LOCATION: (8)..(8)  
 348 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
 351 <220> FEATURE:  
 352 <221> NAME/KEY: MISC\_FEATURE  
 353 <222> LOCATION: (9)..(9)  
 354 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
 357 <220> FEATURE:  
 358 <221> NAME/KEY: MISC\_FEATURE  
 359 <222> LOCATION: (11)..(11)  
 360 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
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 364 <221> NAME/KEY: MISC\_FEATURE  
 365 <222> LOCATION: (12)..(12)  
 366 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
 369 <220> FEATURE:  
 370 <221> NAME/KEY: MISC\_FEATURE  
 371 <222> LOCATION: (13)..(13)  
 372 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
 375 <220> FEATURE:  
 376 <221> NAME/KEY: MISC\_FEATURE  
 377 <222> LOCATION: (16)..(16)  
 378 <223> OTHER INFORMATION: X can be any amino acid or no amino acid  
 381 <400> SEQUENCE: 14  
 383 Tyr Gly Phe Lys Lys Arg Arg Xaa Xaa Gln Xaa Xaa Xaa Thr Trp Xaa  
 384 1 5 10 15  
 387 Glu Thr Trp Trp Thr Glu  
 388 20  
 391 <210> SEQ ID NO: 15

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 02/12/2002

PATENT APPLICATION: US/09/915,914B

TIME: 13:38:41

Input Set : A:\AM105.P.1.1-US.txt

Output Set: N:\CRF3\02122002\I915914B.raw

L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:724 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30